

APR 30 2008

Sheet 1 of 5

FORM PTO-1449 (Modified)

LIST OF INFORMATION PROVIDED  
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(Use several sheets if necessary)

ATTY. DOCKET NO.  
TS-6434APPLICATION NUMBER  
10/577,456APPLICANT  
BlangeFILING DATE  
04/27/2006GROUP ART UNIT  
3672

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	US1512140	10/21/24	Schaub			
	AB	US1852903	04/05/32	Salmon			
	AC	US20020079998	06/27/02	Blange	335	302	
	AH	US20060185907 A1	08/24/06	Blange	175	424	
	AI	US2028447	01/21/36	Griffin	166	5	
	AJ	US2779571	01/29/57	Ortloff	255	61	
	AK	US2913113	11/17/59	Gillette	209	223	
	AL	US2963102	12/6/60	Smith	175	393	
	AM	US3104719	09/24/63	Fite	166	243	
	AN	US3212217	10/19/65	Furgason			
	AO	US3375886	04/02/68	Goodwin et al.			

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AQ	CN1367294 A + Abst.	04/09/02	CN	E02D- 005	44		X
	AR	SU924334 B + Abst.	30/04/82	SU	E21B- 007	18		X
	AS	DE2832037 A + Abst.	31//01/8 0	DE	B65G- 035	00		X
	AT	JP4044594 + Abst.	14/02/92	JP	E21C37	12		X
	AU	JP08168935 A + Abst.	02/07/96	JP	B23Q- 011	00		X
	AV	RU2114274 + Abst.	27/06/98	RU	E21B- 007	18		X

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AX	International Search Report, PCT/EP2004/051404, dated 17/09/2004.
	AY	Robert D. Blevins, "Applied Fluid Dynamics Handbook", Krieger Publishing Company page 260.

EXAMINER

DATE CONSIDERED

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3672**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	US3416614	12/17/68	Good win et al.			
	AB	US3489280	01/13/70	Israelson et al.			
	AC	US3508621	04/28/70	Gaylord et al.			
	AH	US3759367	09/18/73	Elliott	198	41	
	AI	US3831753	08/27/74	Gaylord et al.	209	399	
	AJ	US3838742	10/01/74	Juvkam-Wold	175	380	
	AK	US3854997	12/17/74	Peck et al.	134	7	
	AL	US3897836	08/05/75	Hall et al.	175	93	
	AM	US3949354	04/06/76	Claycomb	340	18	
	AN	US3952857	04/27/76	Nazuka	198	41	
	AO	US4042048	08/16/77	Schwabe	175	380	

**FOREIGN PATENT DOCUMENTS**

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AP	DE2052516	27/04/72	DE	B65G 35	00		X
	AQ	WO9922112	06/05/99	WO	E21B 21	00	X	
	AR	WO2005005768 A2	20/01/05	WO	E21B 7	18	X	
	AS	EP1000663 + Abst.	17/05/00	EP	B03C- 001	12		X
	AT	WO2005040546	06/05/05	WO	E21B 7	18	X	
	AU	DE4005691 A	29/08/91	DE	B24C- 005	04		X
	AV	EP0763489 B1	17/07/02	EP	B65G 54	02	X	

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

	AX	International Search Report, PCT/EP2002/02509, dated 08/08/2002.
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	APPLICANT Blange	
	FILING DATE 04/27/2006	GROUP ART UNIT 3672

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## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	US4055489	10/25/77	Soley	209	223	
	AB	US4396071	08/02/83	Stephens	175	50	
	AC	US4478368	10/23/84	Yie	239	430	
	AH	US4534427	08/13/85	Wang et al.	175	67	
	AI	US4550068	10/29/85	Brooks et al.	430	122	
	AJ	US4555872	12/03/85	Yie	51	439	
	AK	US4637479	01/20/87	Leising	175	26	
	AL	US4666083	05/19/87	Yie	239	8	
	AM	US4688650	08/25/87	Hayatdavoudi et al.	175	324	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AQ	EP0119338	26/09/84	EP	B26F 3	00	X	
	AR	WO0066872	09/11/00	WO	E21B 7	18	X	
	AS	DE19645142 + Abst.	30/04/98	DE	B03B-005	62		X
	AT	WO2005051426 A1	09/06/05	WO	A61K 45	06	X	
	AU	EP0069530	12/01/83	EP	E21B 47	12	X	
	AV	EP0526087 A1	03/02/93	EP	B24C 5	04		

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AX	International Search Report, PCT/EP2004/051407, dated 13/09/2004.
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	AA	US4708214	11/24/87	Krawza et al.	175	424	
	AB	US4768709	09/06/88	Yie	239	8	
	AC	US4787465	11/29/88	Dickinson, III et al.	175	67	
	AH	US4872293	10/10/89	Yasukawa, deceased et al.	51	410	
	AI	US4993503	02/19/91	Fischer et al.	175	62	
	AJ	US5018317	05/28/91	Kiyoshige et al.	51	410	
	AK	US5098164	03/24/92	Savanick et al.	299	17	
	AL	US5170891	12/15/92	Barrett	209	223.2	
	AM	US5291956	03/08/94	Mueller et al.	175	67	
	AN	US5314030	05/24/94	Peterson et al.	175	26	
	AO	US5361855	11/08/94	Schuermann et al.	175	67	

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	AQ	GB2206508 A	11/01/89	GB	B04B 5	12	X	
	AR	GB2095722 A	06/10/82	GB	E21C 25	60	X	
	AS	GB2284837 A	21/06/95	GB	E21B 7	08	X	
	AT	DE29803676 + Abst.	23/04/98	DE	B23Q 011	00		X
	AV							

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	AX	International Search Report, PCT/EP2004/052593, dated 14/01/2005.
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	AA	US5575705	11/19/96	Yam et al.	451	39	
	AB	US5586848	12/24/96	Suwijn	409	137	
	AC	US5664992	09/09/97	Williams, Jr.	451	76	
	AH	US5862871	01/26/99	Curlett	175	340	
	AI	US5944123	08/31/99	Johnson	175	73	
	AJ	US6109370	08/29/00	Gray	175	61	
	AK	US6283833 B1	09/04/01	Pao et al.	451	40	
	AL	US6412643 B1	07/02/02	Wysolmierski	209	213	
	AM						
	AN						
	AO						

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	AQ							
	AR							
	AS							
	AT							
	AU							
	AV							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AX	International Search Report, PCT/EP2004/051428, dated 24/09/2004.
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